

origin: United States. **developed:** M.T. Nielsen, P.D. Legg, J.R. Calvert. **origin institute:** Kentucky Agr. Exp. Sta., University of Kentucky, Dept. of Agronomy, Lexington, Kentucky 40546-0091 United States. **cultivar:** KY 8959. **pedigree:** KY8529/TN 86, F5. **other id:** CV-107. **source:** Crop Sci. 33(5):1103 1993. **group:** CSR-TOBACCO. **restricted:** CSR. **remarks:** Height medium, semi-upright leaf orientation. Largest leaf averaged 65cm long and 37cm wide. Stalk diam. averaged 3.37cm. Adapted throughout burley-producing region of US. In 24 field trials in 5 states, mean cured leaf yield of 3659kg ha⁻¹. High resistance to black root rot (*Thielaviopsis basicola*), TMV, and wildfire (*Pseudomonas syringae* pv. *tabaci*). Medium resistance to TEV and fusarium wilt (*Fusarium oxysporum*). Cultivar. Seed.

PI 564849. *Glycine max* (L.) Merr. FABACEAE Soybean

Donated by: Hartwig, E.E., Agricultural Research Service -- USDA, Soybean Production Research, P.O. Box 196, Stoneville, Mississippi 38776, United States; and Tennessee Agr. Exp. Sta.; and Mississippi Agr. Exp. Sta.. Received February 02, 1993.

origin: United States. **developed:** E.E. Hartwig, J.M. Epps. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, P.O. Box 196, Stoneville, Mississippi 38776 United States. **cultivar:** NATHAN. **pedigree:** Forrest(2) x (D68-18 x PI 88788), F5. **other id:** CV-161. **source:** Crop Sci. 22(6):1264 1982. **group:** CSR-SOYBEAN. **other id:** J74-51. **remarks:** Maturity Group V. Determinate plant type. Flowers white. Pubescence tawny. Pod walls tan. Seed coats yellow. Hila black. Resistant to races 3 and 4 of soybean cyst nematode (SCN) *Heterodera glycines* Ichinohe and to root-knot nematode (*Meloidogyne incognita*). Resistant to foliar disease bacterial pustule, caused by the bacterium *Xanthomonas phaseoli*. Good shatter resistance. Productive variety developed specifically for those areas where race 4 of the soybean cyst nematode is a problem and a variety maturing earlier than Bedford is desired. Cultivar. Seed.

PI 564850 to 564851. *Triticum aestivum* L., nom. cons. POACEAE Wheat

Donated by: Quick, J.S., Colorado State University, Agronomy Department, Fort Collins, Colorado 80523, United States. Received February 05, 1993.